

FIG. 1A

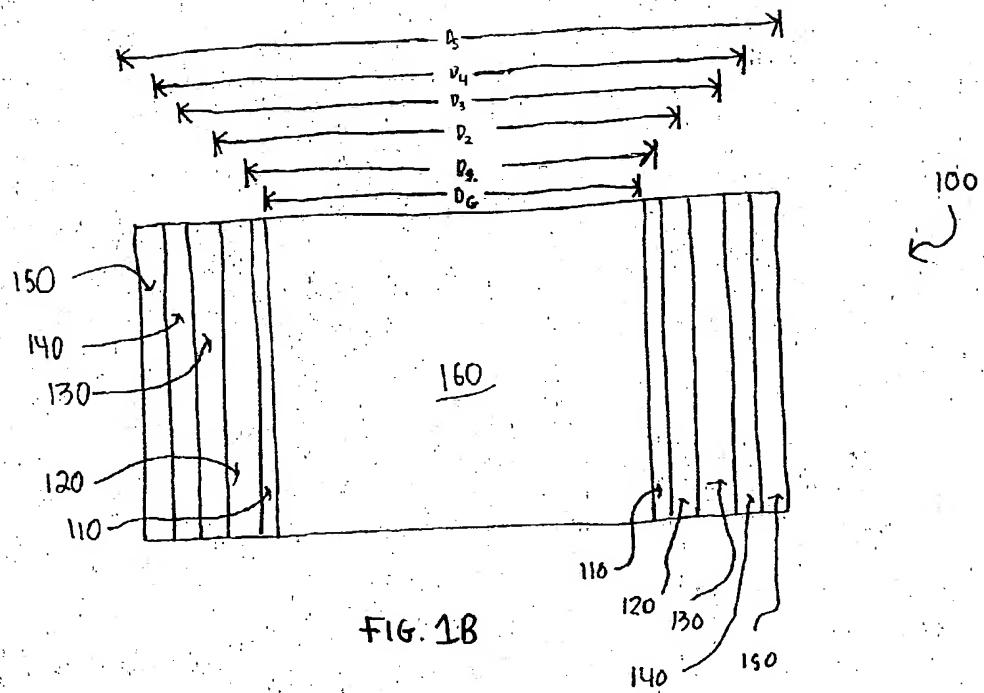


FIG. 1B

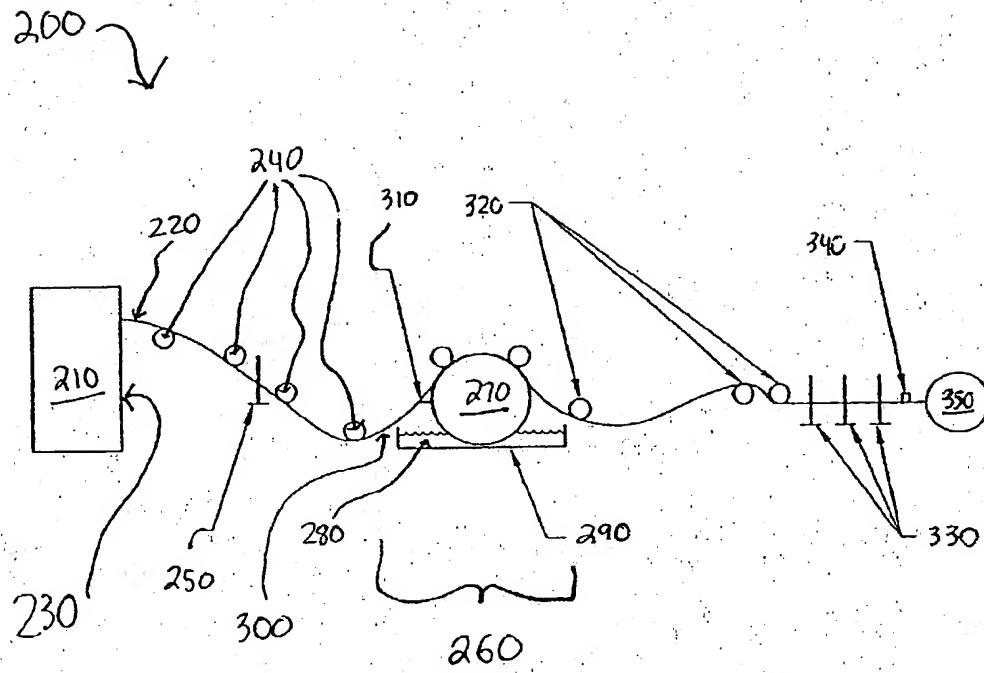


FIG.2

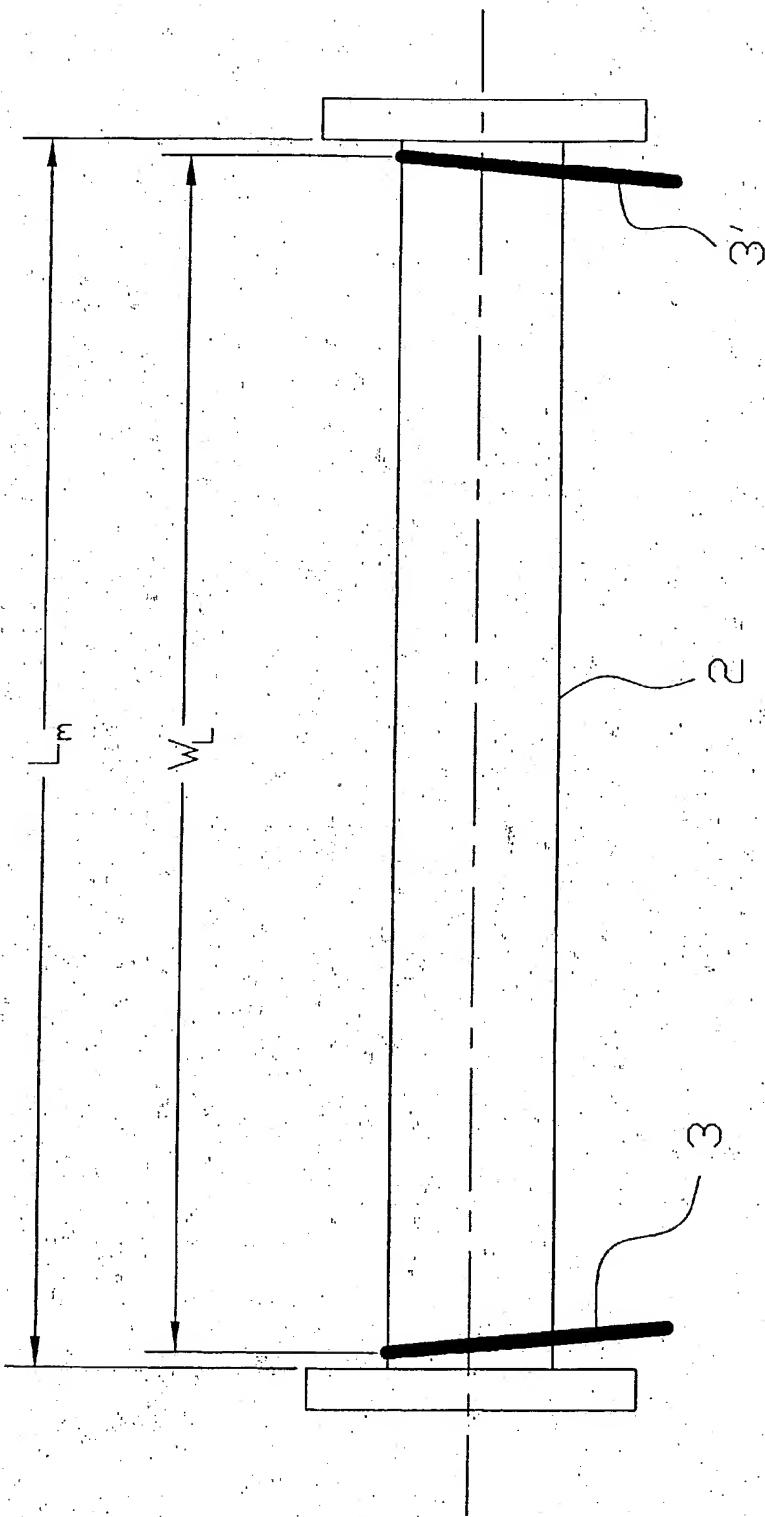


FIG. 3

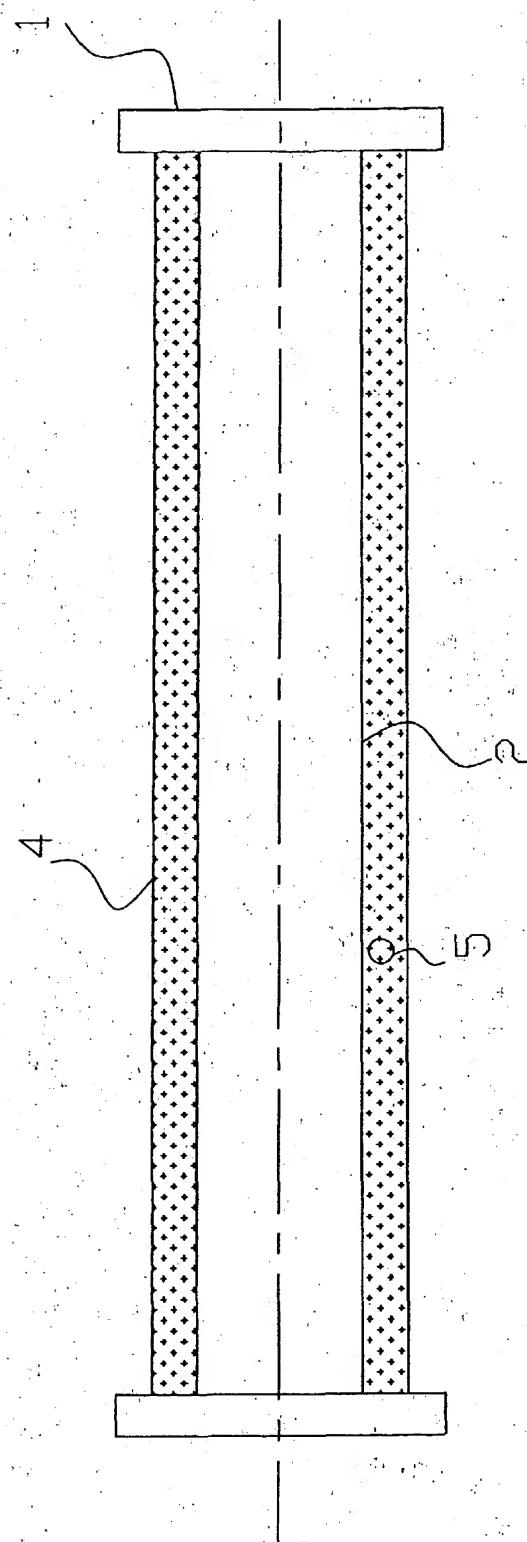
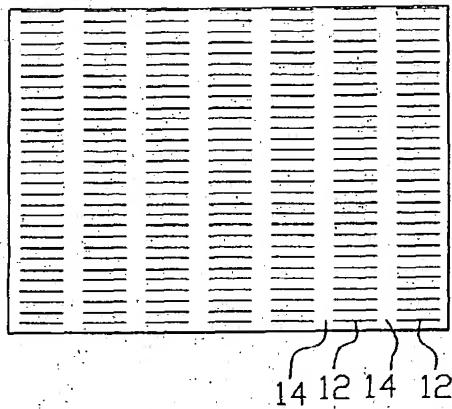


FIG. 4

FIG. 5



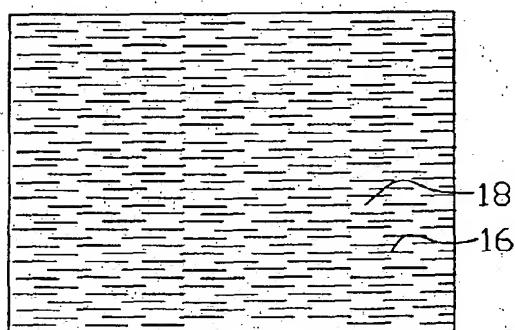
Stacked Carbon Fiber Distribution

FIG. 6



Cross Hatched Carbon Fiber Distribution

FIG. 7



Random or Uniform Carbon Fiber Distribution